

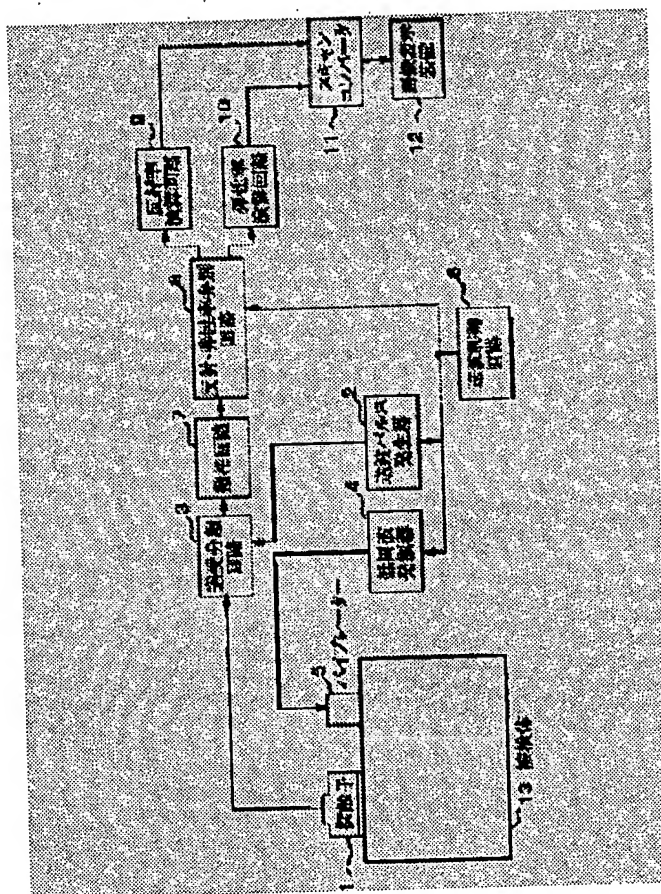
# ULTRASONOGRAPH

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## Abstract of JP2000060853

**PROBLEM TO BE SOLVED:** To display the reflectance tomographic images and elastic modulus images of viable tissues on the same screen of an image display device. **SOLUTION:** This device is provided with a probe 1 for transmitting and receiving ultrasonic waves inside a subject 13, a phasing circuit 7 for receiving reflection echo signals from the inside of the subject 13, performing a delay processing, matching a phase and performing phase addition, a circuit 9 for inputting phased output signals from the phasing circuit 7 and computing the ultrasonic wave reflectance of the viable tissues, the circuit 10 for inputting the phase output signals and computing the elastic modulus of the viable tissues, a scanning converter 11 for inputting arithmetic output signals from the respective arithmetic circuits and preparing image data and the image display 12 for displaying the image data from the scanning converter 11 as ultrasonic images. The reflectance tomographic images and elastic modulus images of a diagnostic part inside the testee body 13 are simultaneously or alternately measured and they are displayed on the same screen of the image display 12.



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